

a1. The present invention relates to recording apparatuses, having multiple transporting means for transporting sheets downstream from the recording means, such as facsimile apparatuses, photocopiers, printers, and so forth.

Please substitute the paragraph starting at page 3, line 10 and ending at line 20 with the following replacement paragraph. A marked-up copy of this paragraph, showing the changes made thereto, is attached.

a2. To this end, a recording apparatus for recording on recording sheets by recording means comprises: a transporting roller for transporting recording sheets disposed upstream of the recording means relative to the transporting direction; a proximal discharging roller for transporting recording sheets and being disposed downstream of the recording means relative to the transporting direction; and a distal discharging roller disposed downstream of the proximal discharging roller relative to the transporting direction and being of higher precision than the proximal discharging roller.

Please substitute the paragraph starting at page 7, line 7 and ending at line 21 with the following replacement paragraph. A marked-up copy of this paragraph, showing the changes made thereto, is attached.

a3. Also, a carriage unit 8 serving as a recording means is provided in the recording area, so as to perform predetermined recording on transported sheets P. With the

A³
(concluded)

present embodiment, serial ink-jet recording has been employed, wherein a carriage 8a is attached so as to reciprocally move along a guide shaft 8b, and a recording head and ink tank 8c are mounted on the carriage 8a. Ink is discharged from the recording head synchronously with the movement of the carriage 8a, thereby recording an ink image on the sheet P which has been transported into the recording area. Note that a recovery unit 9 is also provided at the end portion of the range of movement of the carriage 8a, so as to face the recording head, for suctioning ink from the recording head before starting recording to eliminate defects in ink discharging while recording.

Please substitute the paragraph starting at page 7, line 22 and ending at page 8, line 1 with the following replacement paragraph. A marked-up copy of this paragraph, showing the changes made thereto, is attached.

A⁴

Following recording, the sheets are discharged with the discharging unit 7, and as shown in Fig. 2, are sequentially discharged and stacked in a discharging tray 10 detachably mounted to the bottom case 2 below the discharging unit 7.

Please substitute the paragraph starting at page 8, line 9 and ending at line 23 with the following replacement paragraph. A marked-up copy of this paragraph, showing the changes made thereto, is attached.

AS
As shown in Figs. 4 and 5, the transporting unit 6 has a main transporting roller 13 for transporting sheets P, and a platen 12 for setting the distance between the sheets P and the recording head 11. Driving force from a motor 14 is transmitted to the main transporting roller 13. Also, pinch rollers 18 which move synchronously with the main transporting roller 13 due to the friction driving force of the main transporting roller 13 and the sheets P are in contact with the main transporting roller 13. The pinch rollers 18 are pressed toward the main transporting roller 13 by a spring member (not shown in the drawings), thereby generating the force for transporting the sheets P. Also, the pinch rollers 18 are set so that a pressing force of 500 [gf] (4.9 [N]) is applied by each of the pinch rollers 18 to the main transporting roller 13.

Please substitute the paragraph starting at page 13, line 6 and ending at line 16 with the following replacement paragraph. A marked-up copy of this paragraph, showing the changes made thereto, is attached.

AB
On the other hand, the sheet P is in contact with the second discharging roller 17 in a manner wrapping onto the second discharging roller 17 in the circumferential direction thereof, due to the weight of the sheet P. Accordingly, the transporting force of the second discharging roller 17 placed on the sheet P becomes very great. Consequently, of the effects of transporting precision of the first and second discharging rollers 16 and 17, the effect of transporting precision acting upon the sheet P from the second discharging roller 17 is far greater than that of the first discharging roller 16.

Please substitute the paragraph starting at page 15, line 14 and ending at line 17 with the following replacement paragraph. A marked-up copy of this paragraph, showing the changes made thereto, is attached.

a7
-Note that the values, material, etc., listed in the present embodiment are only examples, and the present invention need not be restricted to these values, material, etc.-

Please substitute the paragraph starting at page 15, line 18 and ending at line 20 with the following replacement paragraph. A marked-up copy of this paragraph, showing the changes made thereto, is attached.

a8
-Also, the number of discharging rollers need not be restricted to two; rather, the same advantages can be obtained using multiple discharging rollers of three or more.-

Please substitute the paragraph starting at page 17, line 10 and ending at line 13 with the following replacement paragraph. A marked-up copy of this paragraph, showing the changes made thereto, is attached.

a⁹ -Note that the values, material, etc., listed in the present embodiment are only examples, and the present invention need not be restricted to these values, material, etc.-

Please substitute the paragraph starting at page 21, line 4 and ending at line 7 with the following replacement paragraph. A marked-up copy of this paragraph, showing the changes made thereto, is attached.

a¹⁰ -Note that the values, material, etc., listed in the present embodiment are only examples, and the present invention need not be restricted to these values, material, etc.-

Please substitute the paragraph starting at page 23, line 12 and ending at line 19 with the following replacement paragraph. A marked-up copy of this paragraph, showing the changes made thereto, is attached.

a¹¹ -Also, although the above embodiments have been described with reference to the ink-jet recording method as the recording method, the present invention is by no means restricted to this; rather, the present invention is also applicable to other recording methods such as thermal transfer recording methods, thermal-sensitive recording methods, impact recording methods such as wire-dot recording, or other electro-photography recording methods, etc.-

Please substitute the paragraph starting at page 24, line 10 and ending at line 19 with the following replacement paragraph. A marked-up copy of this paragraph, showing the changes made thereto, is attached.

Q12

While the present invention has been described with reference to what are presently considered to be the preferred embodiments, it is to be understood that the invention is not limited to the disclosed embodiments. On the contrary, the invention is intended to cover various modifications and equivalent arrangements included within the spirit and scope of the appended claims. The scope of the following claims is to be accorded the broadest interpretation so as to encompass all such modifications and equivalent structures and functions.

IN THE ABSTRACT:

Please replace the Abstract of the Disclosure with the following:

ABSTRACT OF THE DISCLOSURE

Q13

A discharging unit has multiple discharging rollers for transporting sheets downstream from a recording head in the direction of transporting, arrayed in the direction of transporting. Of the multiple discharging rollers, a second discharging roller disposed farthest downstream in the sheet transporting direction is formed with higher precision than a first discharging roller disposed further upstream.